

#### ABSTRACT OF DISCLOSURE

A display device with a polysilicon substrate, including a display region, a first plurality of thin film transistors in the display region, and primary crystal grain boundaries in the polysilicon substrate in the display region, wherein the primary crystal grain boundaries are inclined to a first direction of current flowing from source to drain of each of the first plurality of thin film transistors at an angle of  $-30^{\circ}$  to  $30^{\circ}$ .